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DK-US065119

PATENT  
AP3 Rec'd PCT/PTO 07 JUN 2008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hirofumi HIGASHI et al.

Serial No.: New- Nat'l phase of  
PCT/JP2004/018472

International filing date: December 10, 2004

For: COMPRESSOR

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

In accordance with MPEP 609 and 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants bring the references listed on the attached PTO-1449-Form to the Examiner's attention and request that they be considered and made of record in this application. Copies of the non-U.S. patents are attached.

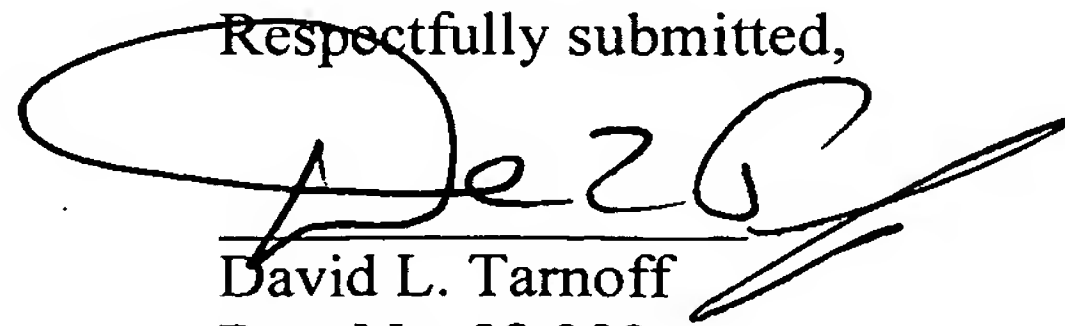
Japanese Laid Open Publication No 61-138881 appears to disclose a valve retainer having a tip and part made of a bimetal.

Japanese Patent Publication No. 03-117619 appears to disclose a valve body with rectangular holes, a valve body formed in a plate and a valve stopper. An English abstract is attached to better understand this publication.

Japanese Patent Publication No. 04-275078 appears to disclose a microactuator having an ion-exchange membrane and electrodes. An English abstract is attached to better understand this publication.

Prompt examination on the merits is respectfully requested.

Respectfully submitted,

  
David L. Tarnoff  
Reg. No. 32,383

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Dated: 6-7-06

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	PCT/JP2004/018472
				Filing Date	International Date of December 10, 2004
				First Named Inventor	Hirofumi HIGASHI
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	DK-US065119
Sheet	1	of	1		

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )				
		WO-02-22492-A2	03-21-2002	Goodwin- Johansson et al.		N/A
		JP-61-138881-U	08-28-1986	Hirano		No
		JP-03-117619-A	05-20-1991	Katahira		No
		JP-04-275078-A	09-30-1992	Takenaka et al.		No
		JP-2000-249242-A	09-12-2000	Nakata		Yes
		JP-2002-330598-A	11-15-2002	Azumi et al.		Yes
		JP-2002-332956-A	11-22-2002	Azumi		Yes

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.